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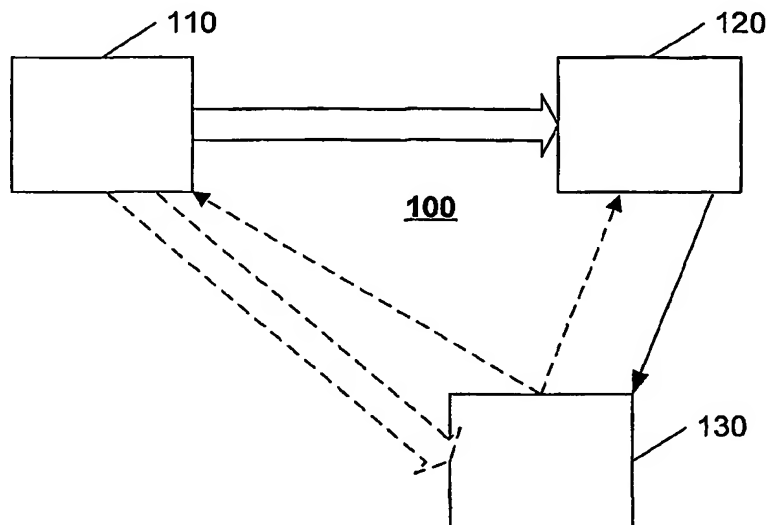
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(54) Title: PREVENTING DISTRIBUTION OF MODIFIED OR CORRUPTED FILES



(57) Abstract: An administrator node (130) adjusts a trustworthy-measure associated with nodes (110) that are suspected of unauthorized modifications of content material. The original provider of the content material to a network binds an identifying code to it. Upon receiving the material from a source node (110), a target node (120) computes an associated code for the received material. If the computed code and the identifying code differ, the material is determined to be modified, and a discrepancy report is submitted to the administrator node (130). The administrator node (130) effects a penalty against the root source if the modification is confirmed; or against the target node (120) if the discrepancy report is unfounded. The penalties include downgrading of the trustworthiness-measure associated with each node, and these trustworthiness-measures are available for use by potential target nodes in their selection of preferred source nodes.

**Declaration under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT,

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